



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Wang et al.

Group No. 1741

S/N: 09/583,599

Examiner T. Tran

Filed: May 31, 2000

For: Improved Acid Copper Electroplating Solutions  
Atty. Dkt.: 99A209

Assistant Commissioner for Patents  
Washington, DC 20231

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on September 25, 2002

(Date)

Ann Short

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Signature of person mailing

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING DATE OF EITHER A FINAL ACTION  
OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(C))**

**TIME OF TRANSMITTAL OF ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

1. The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first Office action on the merits, whichever event occurred last but before the mailing date of either:

- (1) a final action under § 1.113 or
- (2) a notice of allowance under § 1.311,  
whichever occurs first.

**STATEMENT OR FEE**

2. Accompanying this transmittal is

(check either A or B below)

A. ☐ a statement as specified in 37 C.F.R. § 1.97(e).

**OR**

B. ☒ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c). (\$180.00).

**FEE PAYMENT**

(complete this item, if applicable)

3. Applicant elects the option to pay the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c) (\$180.00).

Fee due \$ \_\_\_\_\_

**METHOD OF PAYMENT OF FEE**

4. ☒ Authorization is hereby made to charge the amount of \$ 180.00

☒ to Deposit Account No. 02-2865

☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

The BOC Group, Inc.  
Intellectual Property Dept.  
100 Mountain Avenue  
Murray Hill, New Jersey 07974

Att.  
PTO-1449  
Cited References

  
SIGNATURE OF PRACTITIONER

Wan Yee Cheung  
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PTO/SB/17 (10-01)  
Approved for use through 10/31/2002 OMB 0651-0012  
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number 09/583,599  
Filing Date May 31, 2000  
First Named Inventor Wang et al.  
Examiner Name T. Tran  
Group Art Unit 1741  
Attorney Docket No 99A209

TOTAL AMOUNT OF PAYMENT (\$180.00)

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 02-2865  
Deposit Account Name The BOC Group, Inc.
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status See 37 CFR 1.27
2. ☐ Payment Enclosed  
☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims 20\*\* = 18 x 18 = 324  
Independent Claims 3\*\* = 84  
Multiple Dependent 280

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
101 18	201 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*Or number previously paid, if greater. For Reissues, see above.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
118 1,510	118 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (line's number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) Information Disclosure Statement 180

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$180.00)

## SUBMITTED BY

Name (Print Type) Wan Yee Cheung Registration No (Attorney/Agent) 42,410 Telephone 908 771-6479  
Signature [Signature] Date 9/25/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.